

## Product datasheet for R1105

### pep1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/5,000 - 1/20,000. <b>Immunohistochemistry:</b> Paraffin (FFPE) or Frozen sections; 1/100 suggested to begin. <b>ELISA:</b> 1/30,000 - 1/160,000. This product has been assayed against 1.0 µg of Phospho-enol-pyruvate carboxylase [maize leaves] in a standard sandwich ELISA using peroxidase conjugated affinity purified anti-rabbit IgG [H&L] (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/30,000 to 1/160,000 of the reconstitution concentration is suggested.
Reactivity:	Maize
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Phospho-enol-pyruvate Carboxylase [Maize].
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Phospho-enol-pyruvate Carboxylase [Maize Leaves]. Cross reactivity against Phospho-enol-pyruvate Carboxylase from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% (w/v) Sodium Azide as preservative. State: Serum State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by a delipidation and defibrination.
Conjugation:	Unconjugated



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<b>Storage:</b>	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: One year from despatch.
<b>Database Link:</b>	<a href="#">P04711</a>
<b>Synonyms:</b>	PPC, PEPC1, PEPC 1, PEPCase 1, PEP carboxylase